PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTH	ORITY		
To: cf Form PCT/ISA/220		PCT WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY	
		Date of mailing (day/month/year)	cf. Form PCT/ISA/210 (page 2)
Applicant's or agent's file reference cf Form PCT/ISA/220		FOR FURTHER ACTION See paragraph 2 below	
International application No. PCT/EP2005/050687	International filing date 02/16/2005	(day/month/year)	Priority date (day/month/year) 03/02/2004
International Patent Classification (IPC) F02M61/16	or both national classifica	tion and IPC	
Applicant ROBERT BOSCH GMBH			
Box No. IV Lack of unity of Box No. V Reasoned state citations and e Box No. VI Certain docum Box No. VII Certain defects Box No. VIII Certain observ 2. FURTHER ACTION If a demand for international preliminary Examining other than this one to be the IPEA a opinions of this International Search If this opinion is, as provided above,	ment of opinion with regator of invention ement under Rule 43bis.1(explanations supporting supporting supporting supporting supporting supporting supporting or in the international applications on the international applications of 22 months from the parameters of the international applications of 22 months from the parameters of the international applications of 22 months from the parameters of the international applications of 22 months from the parameters of the international applications of 22 months from the parameters of the international applications of the international	rd to novelty, inventive a)(i) with regard to now the statement ication all application application will that this does not applicated the Internation so considered.	be considered to be a written opinion of the oply where the applicant chooses an Authority all Bureau under Rule 66.1 bis(b) that written the applicant is invited to submit to the IPEA of 3 months from the date of mailing of Former expires later.
Name and mailing address of the ISA/		Authorized officer Morales, M	

Telephone No.

Form PCT/ISA/237 (cover sheet) (January 2004)

Facsimile No.

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/EP2005/050687

Statement			
Novelty (N)	Claims	2,6,8,9	VEC
Inventive step (IS) Industrial applicability (IA)	Claims Claims Claims Claims	1,3-5,7	YES
		1-9	YES NO
		1-9	NO
			YES
	Claims		NO
Citations and explanations:			

10/590617 IAP9 Rec'd PCT/PTO 24 AUG 2006

WRITTEN REPORT OF THE INTERNATIONAL SEARCH OFFICE (SUPPLEMENTARY PAGE) Internat. File No. PCT/EP2005/050687

Zu Punkt V.

- 1 Document U.S. 5,238,192 A (D1) (cf. column 3, line 14 to column 4, line 18; Fig. 1 - 8) describes a pressureeffected connection of a metal part (14) and a plastic part (30) slipped over the metal part (14) with a press fit, in particular i a fuel injector for internal combustion engines, circumferential ribs being disposed on the outer wall (20) of the metal part (14) one behind the other in the axial direction, the ribs each having a back rising outwardly from the outer wall in the slide-on direction of the plastic part (30), and a flank sharply falling from the back end towards the outer wall, and each rib having disposed in front of it an annular groove (46, 48), viewed in the slide-on direction of the plastic part, which is introduced directly at the foot of the back into the outer wall.
- 1.1 Document D1 also discloses a fuel valve (10), in particular a fuel injector, for internal combustion engines, having a cylindrical valve body (14) having at least one fuel intake duct, which is formed in the valve body (14) and has an intake opening (22) disposed in the cylinder wall (20), and a fuel filter (30), which is retained by a press fit and has a hollow-cylindrical base element (30) made of plastic and filter mesh (30) which is embedded in the base element (30) and covers the intake openings, the base element of the fuel filter (30) having a hollow-cylindrical design and being designed to be slid over the valve body (14); circumferential ribs being formed on the cylinder wall (20) of the valve body

- (14), which are disposed one behind the other in the axial direction, and each has a back which rises from the cylinder wall (20) in an outward direction in the slide-on direction of the fuel filter (30), and a flank which sharply falls from the back end to the cylinder wall, each rib having disposed in front of it, viewed in the slide-on direction of the fuel filter (30), an annular groove (46, 48), which is introduced directly at the foot of the back into the cylinder wall (20) of the valve body (14).
- 1.2 The subject matter of the independent Claims 1, 5 is therefore not novel (Article 33 (2) PCT).
- 1.3 The dependent Claims 2 4, 6 9 do not appear to include any additional features that, in combination with the features of any other claim to which Claims 2 4, 6 9 refer back, satisfy the PCT requirements with respect to novelty or inventive activity, since the subject matter of the Claims 3, 4, 7 is known from document D1, the subject matter of the Claims 2, 6 is known from document U.S. 4,938,193 A (D3) (cf. Fig. 1, 2), and the subject matter of the Claims 8, 9 relates to a minor structural modification of the fuel valve according to D1, which is within the scope of what one skilled in the art tends to do due to considerations familiar to him or her.

Re Point VII.

Incompatible with the requirements of Rule 5.1 a) ii)

PCT, neither the relevant related art disclosed in document D1 nor this document are indicated in the specification.

2.1 The specification is not in accord with the claims, as stipulated by Rule 5.1 a) iii) PCT.